Name:

Algebra 1 – Homework

I – Solve these quadratic equations by completing the square only.

1. 16x2 – 32x + 15 = 0
2. 4x2 + 16x – 33 = 0
3. 4x2 + 40x = –91
4. 49x2 + 98x + 45 = 0
5. 25x2 + 150x + 216 = 0

II – Solve these quadratic equations by using the quadratic formula only.

1. 2x2 – x – 1 = 0
2. 2x2 – 9x – 18 = 0
3. 3x2 + 2x – 5 = 0
4. (2x – 1)(2x + 1) = 3x
5. x2 – x – 90 = 0
6. 5x2 + 16x = 0
7. 9x2 – 1 = 0